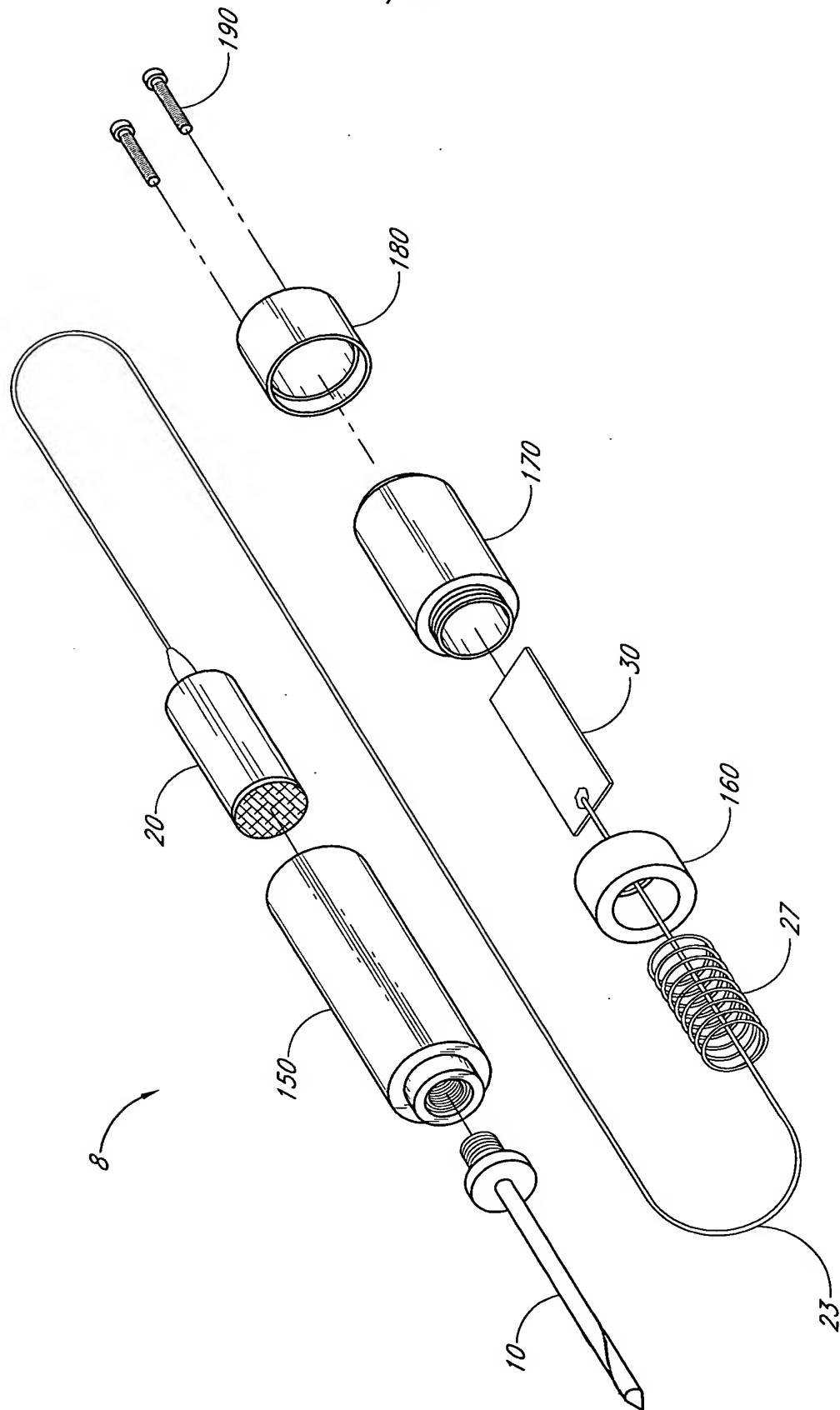


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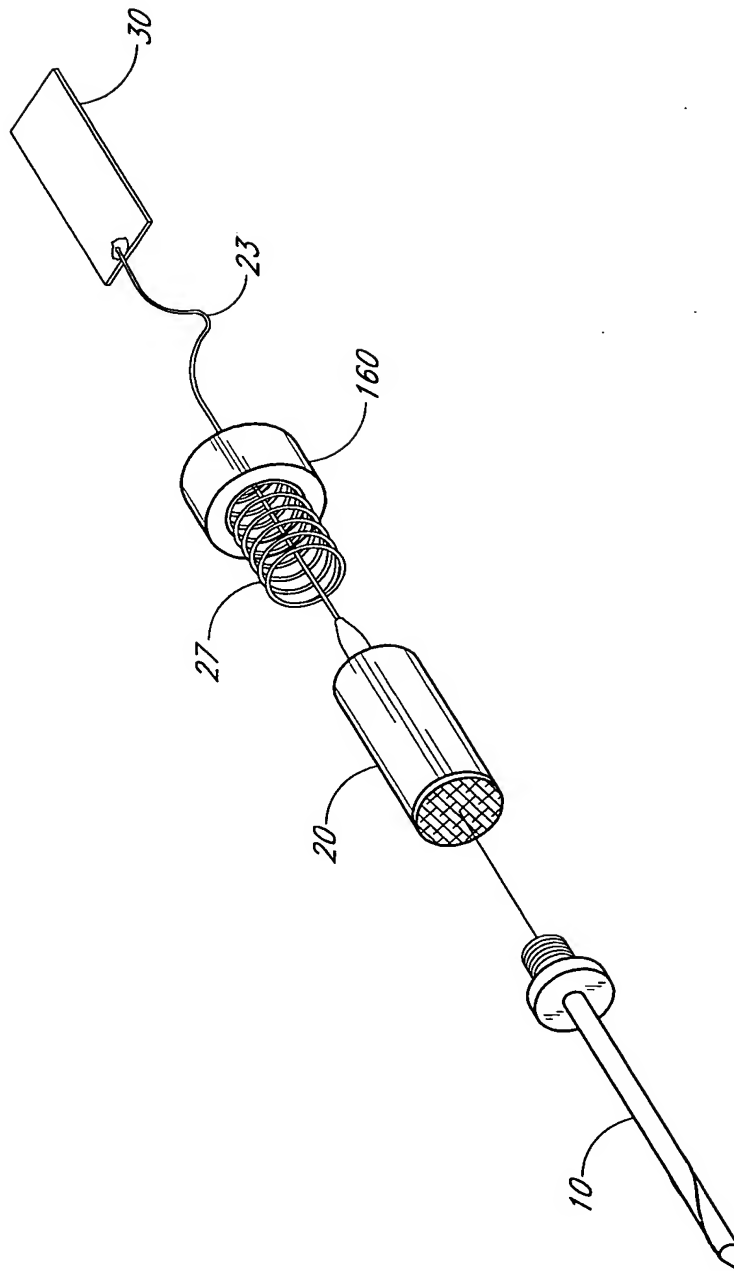


FIG. 2

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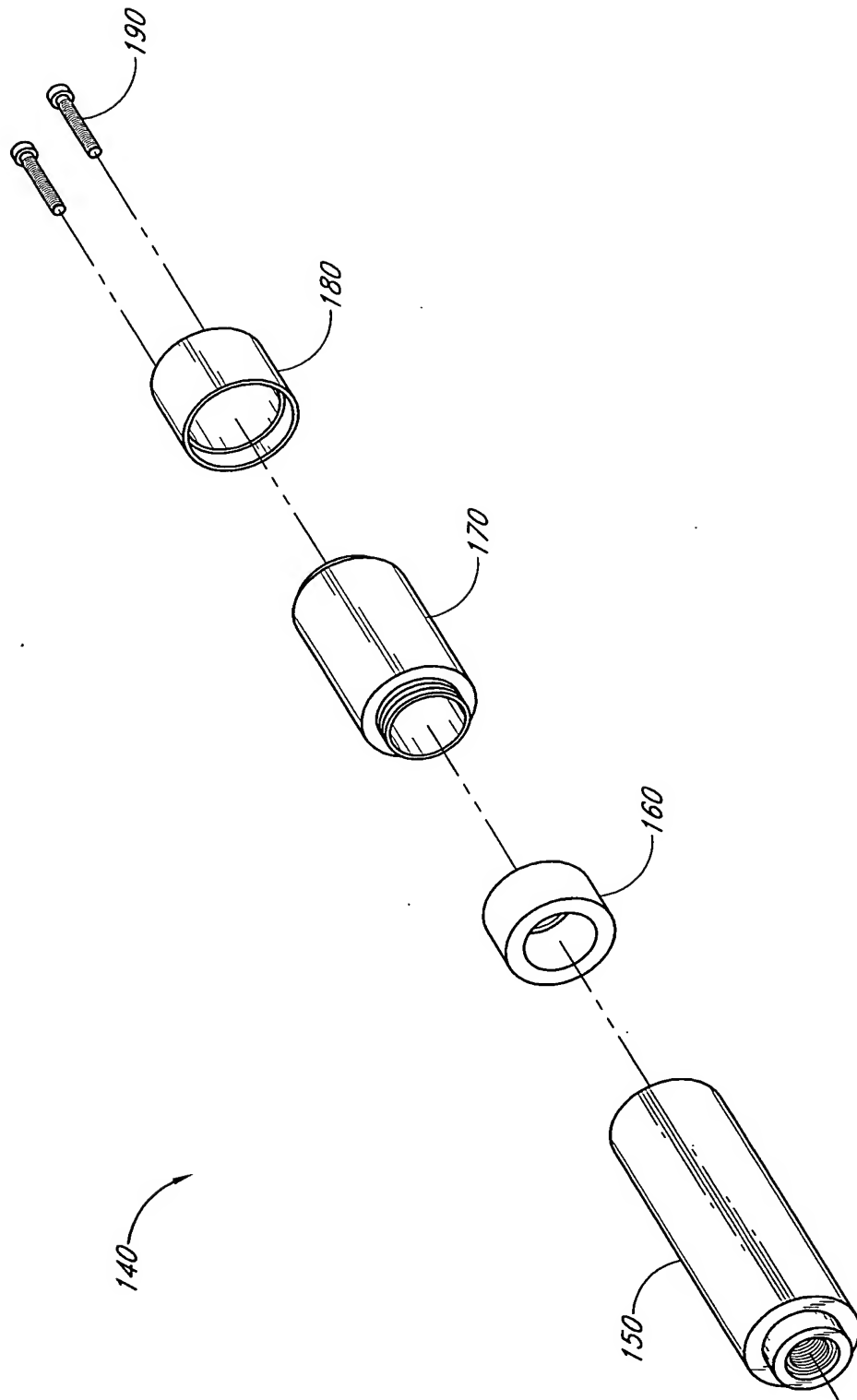


FIG. 3

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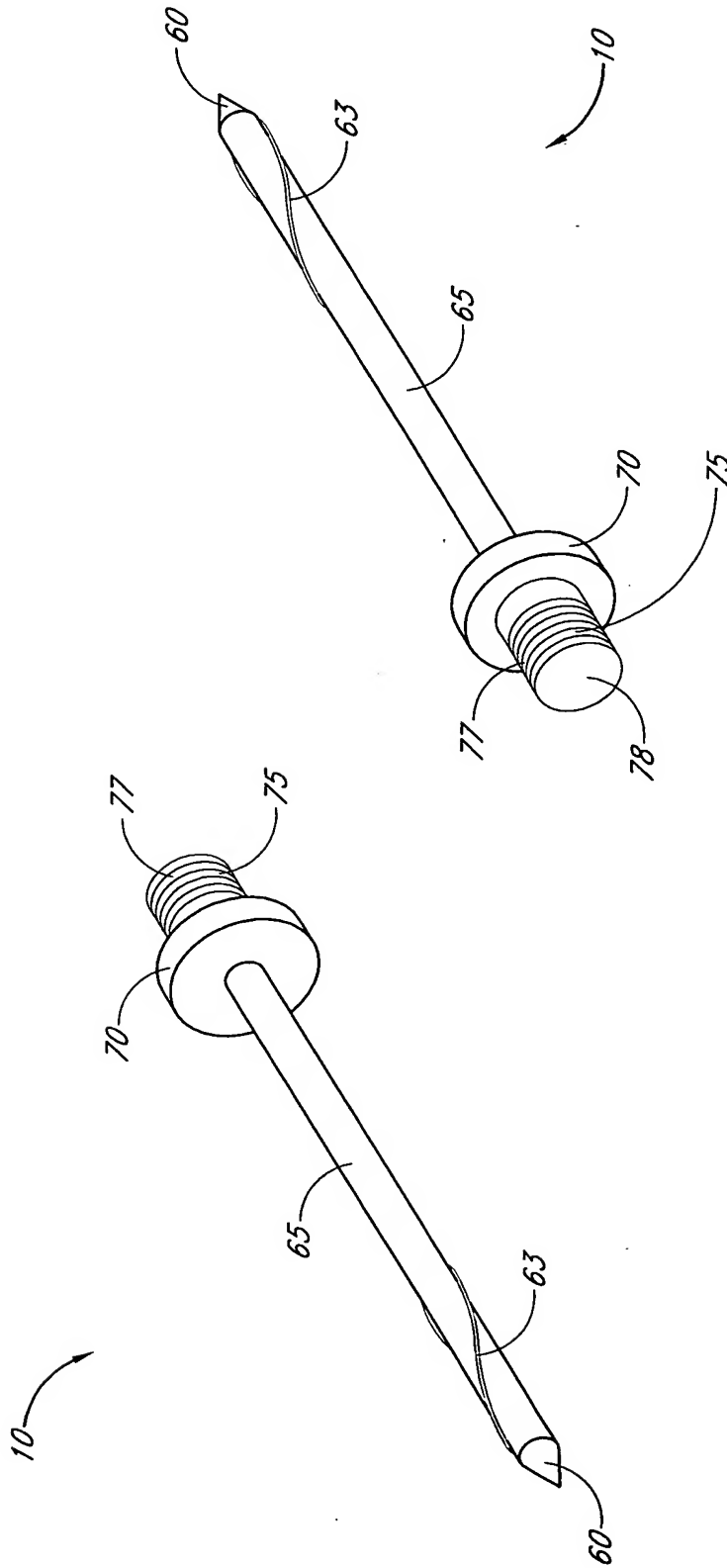


FIG. 4B

FIG. 4A

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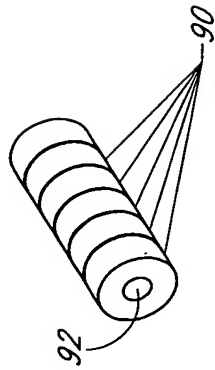


FIG. 5C

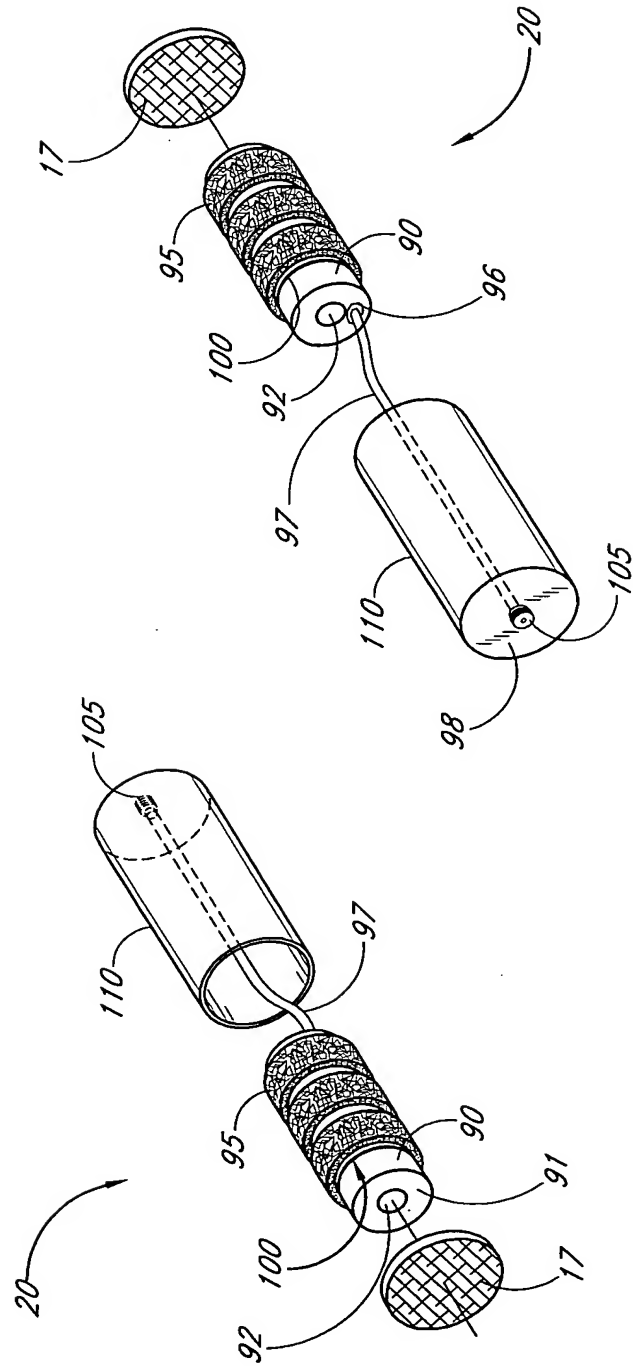
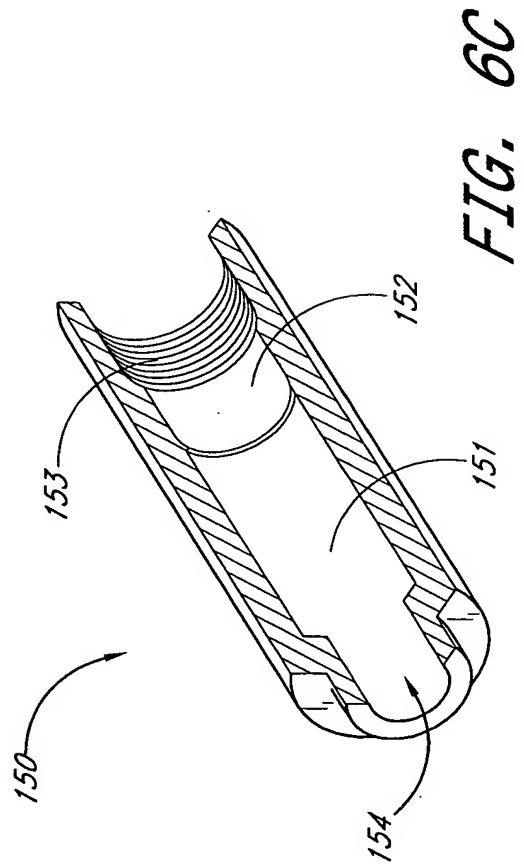
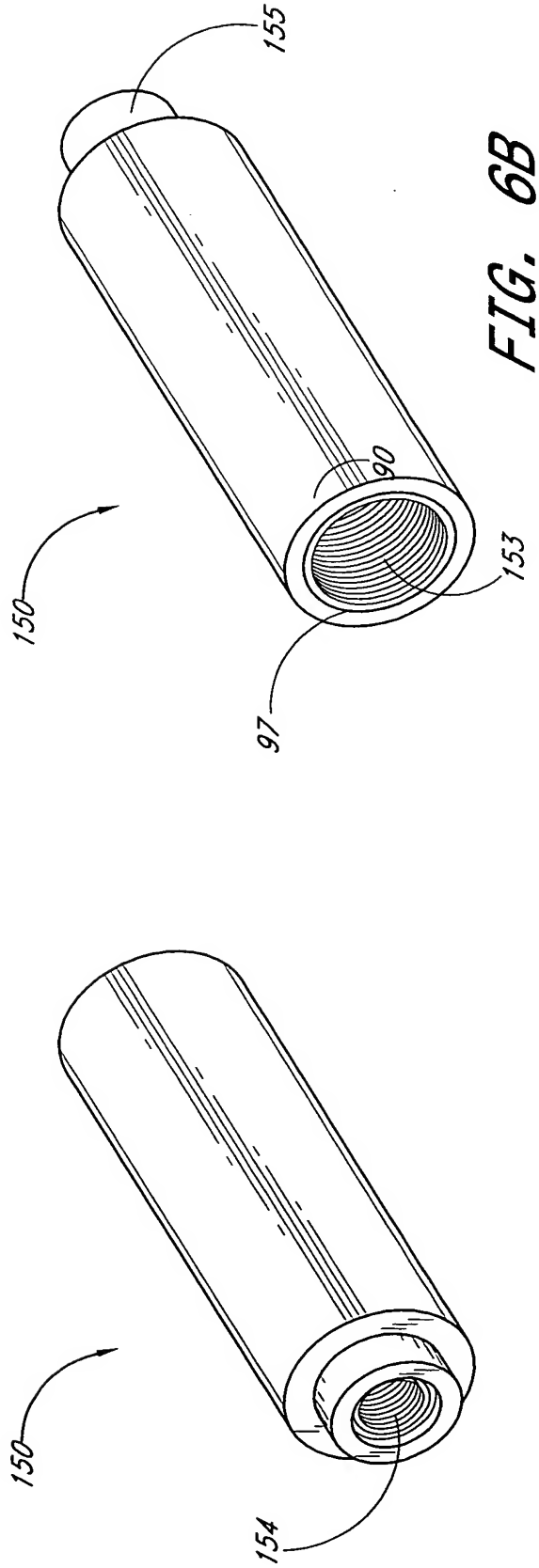


FIG. 5B

FIG. 5A

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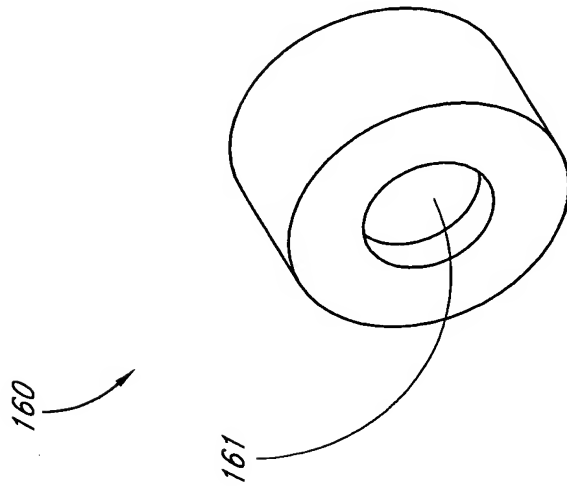


FIG. 7A

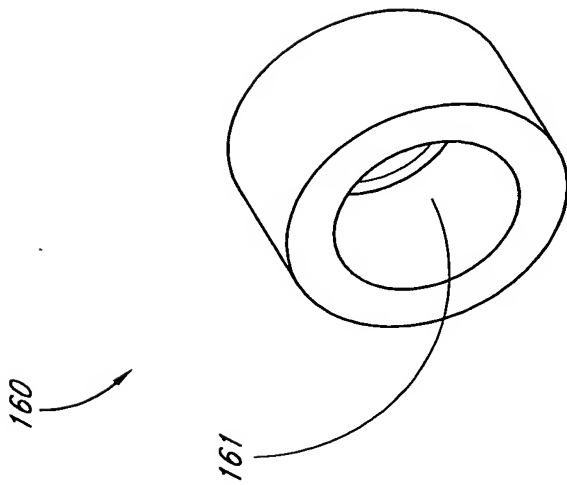


FIG. 7B

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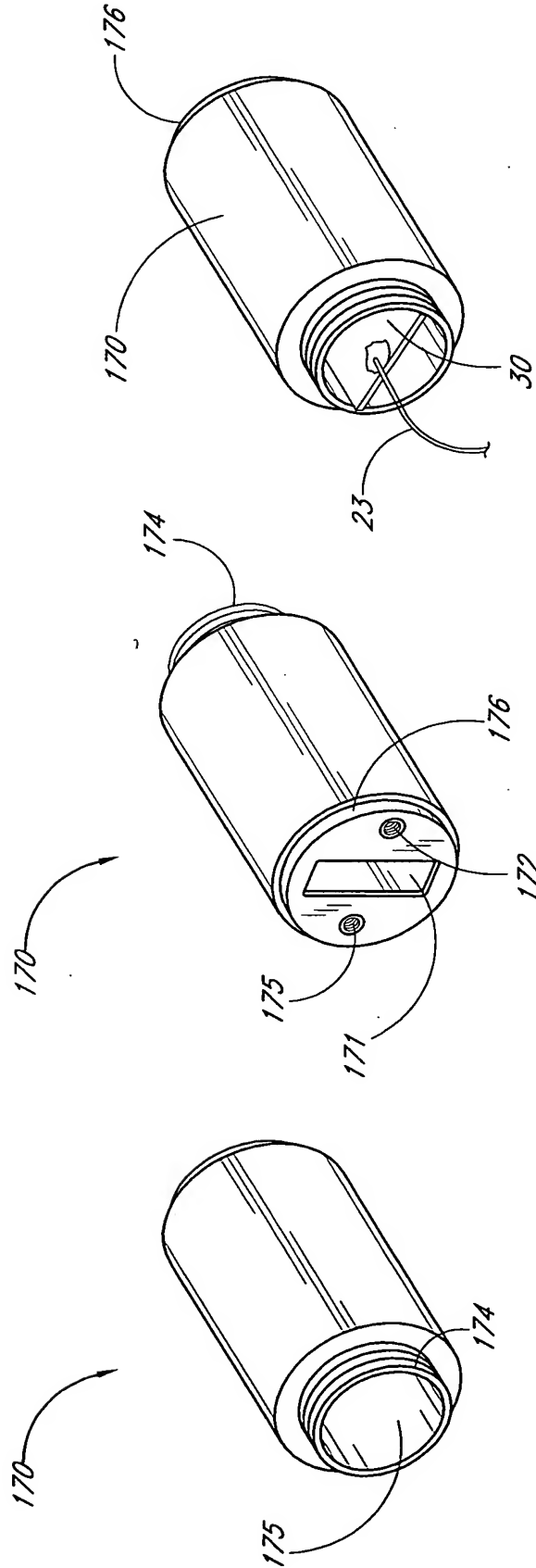


FIG. 8C

FIG. 8B

FIG. 8A



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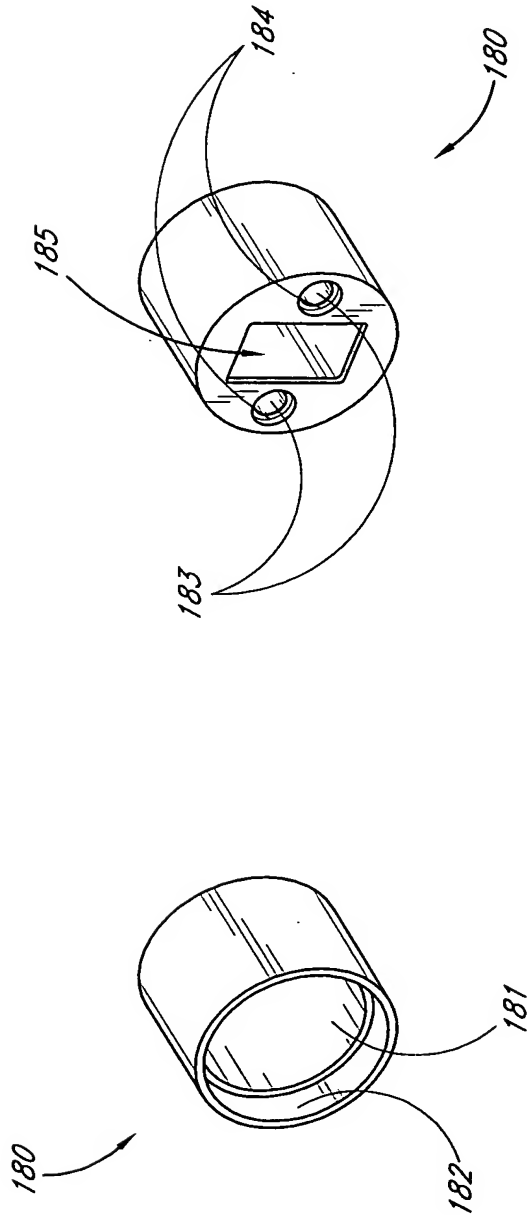


FIG. 9B

FIG. 9A

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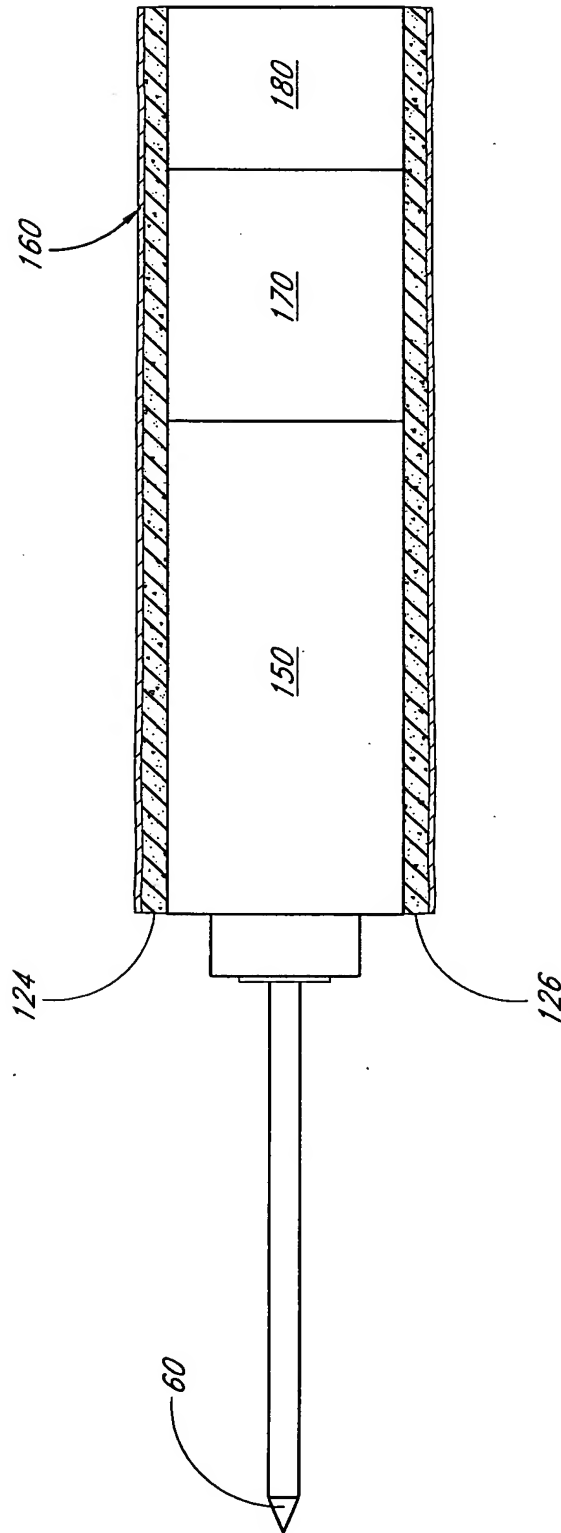


FIG. 10

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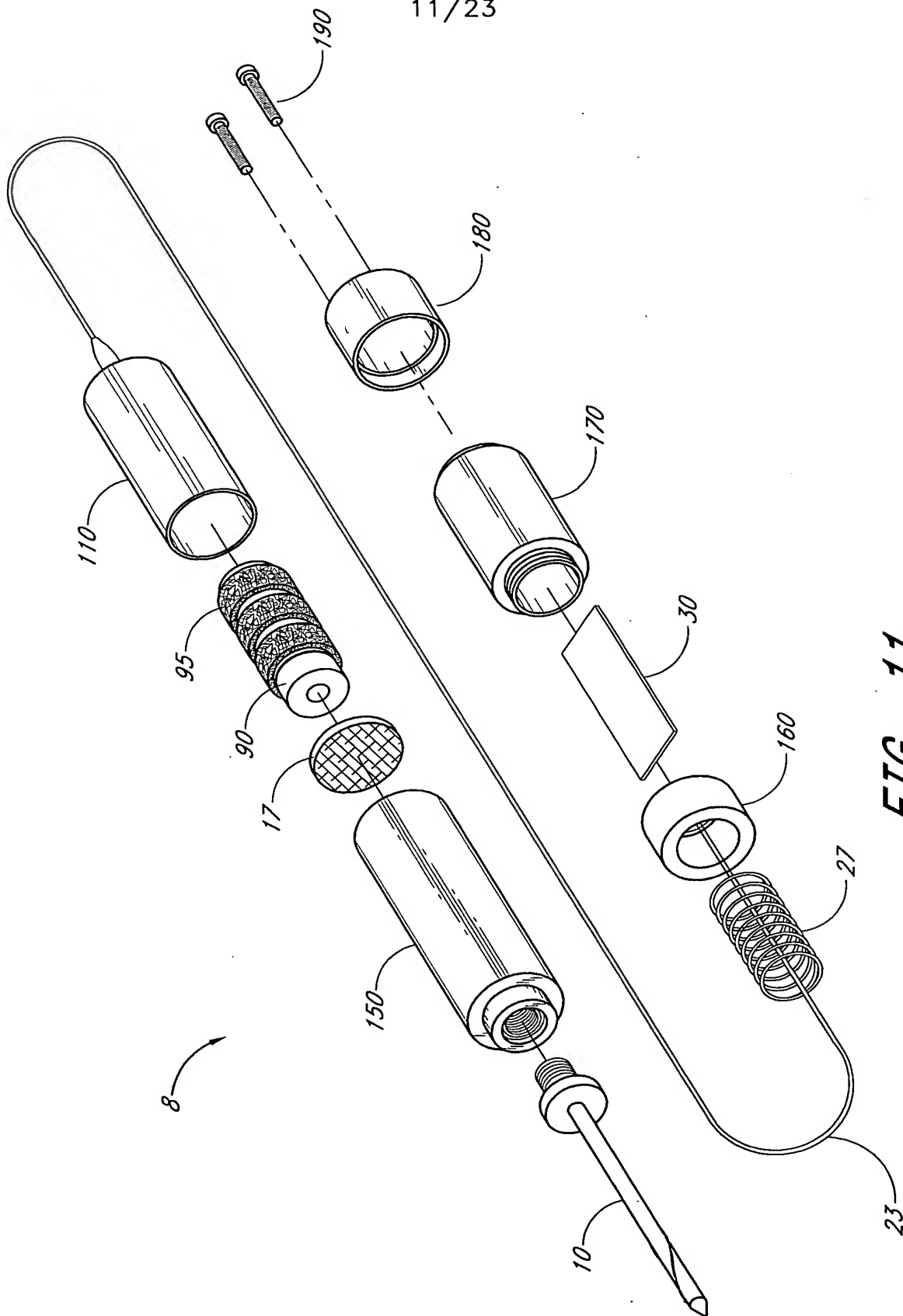
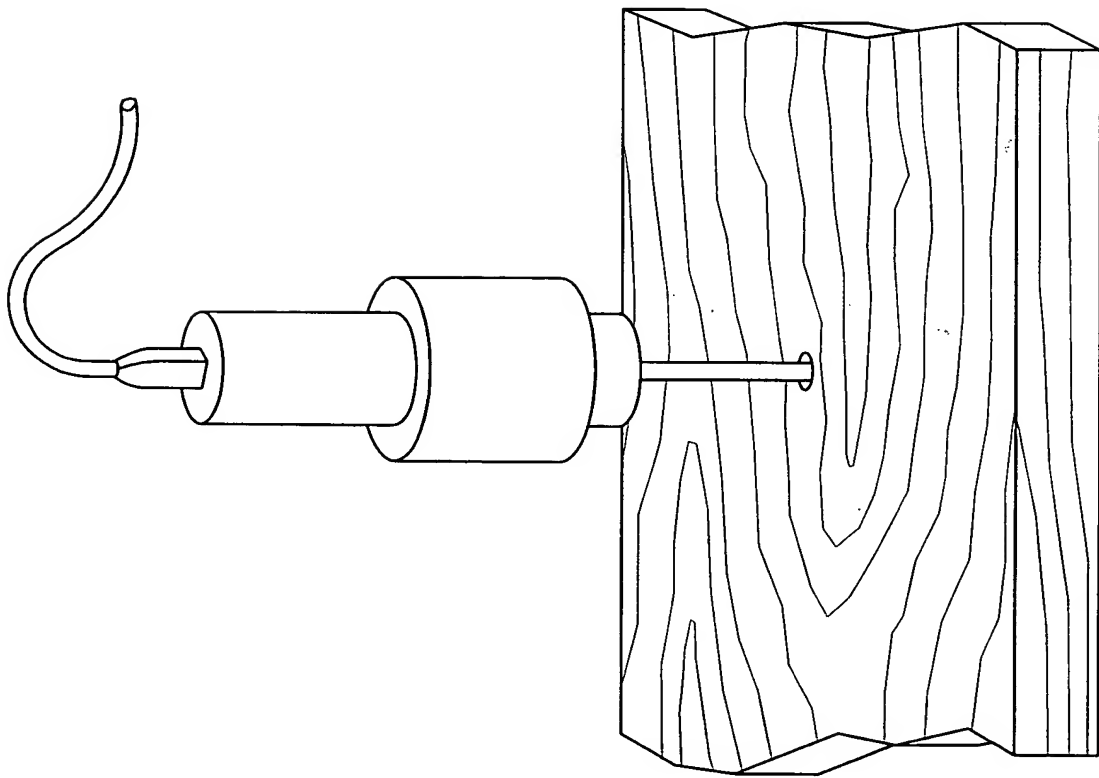


FIG. 11

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*FIG. 12*

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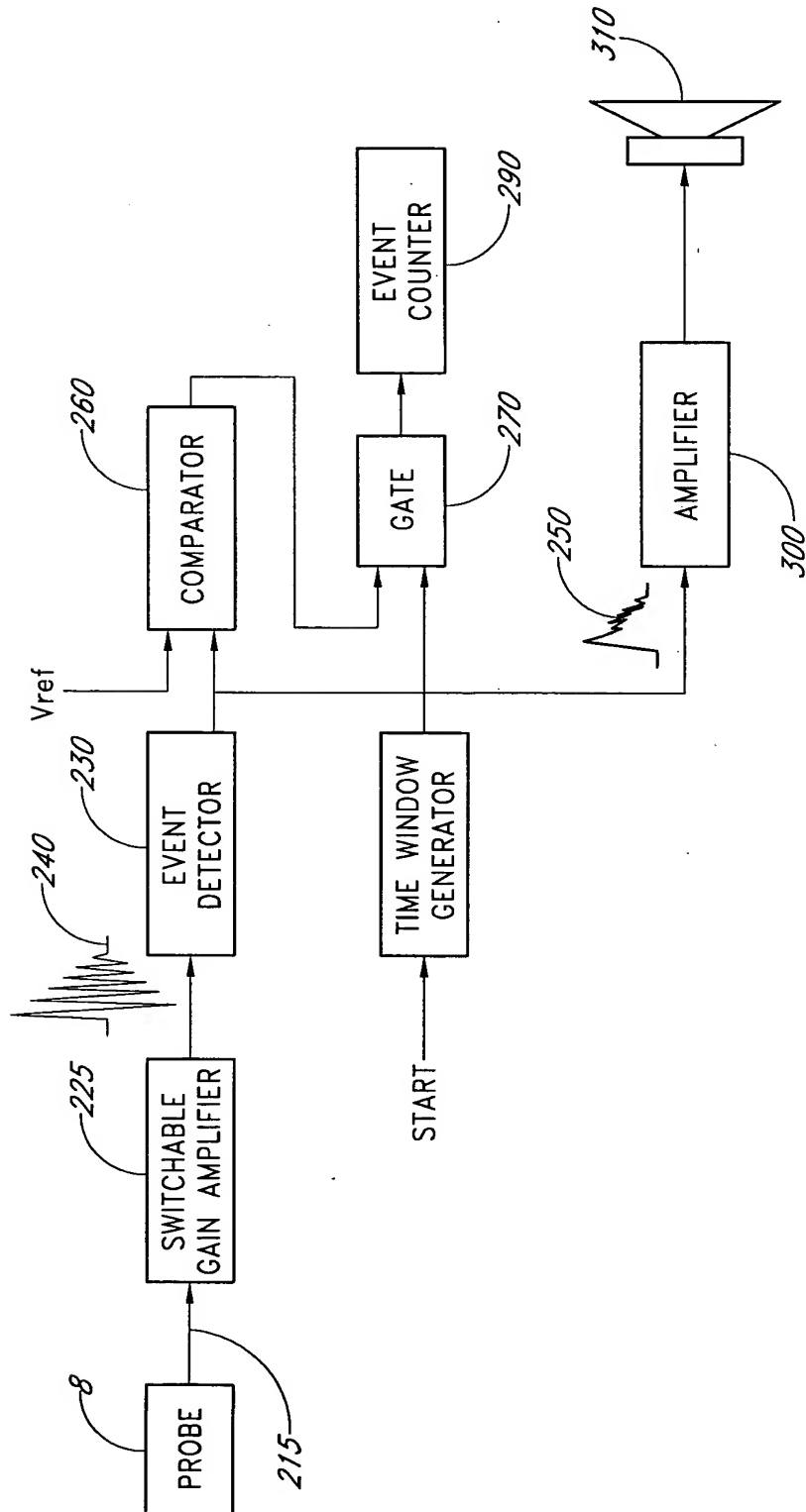


FIG. 13



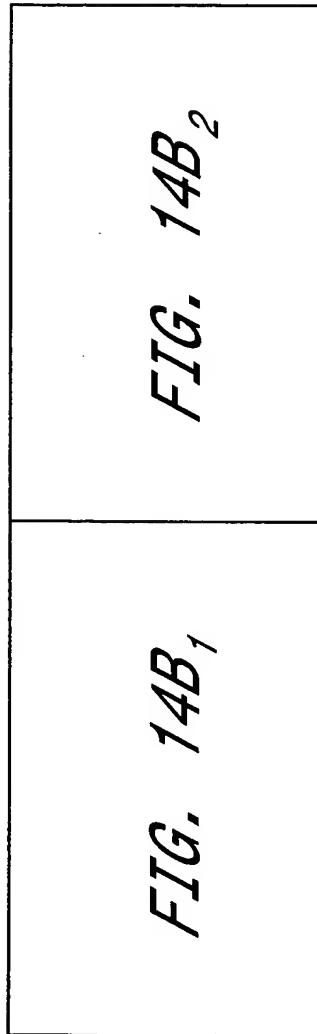
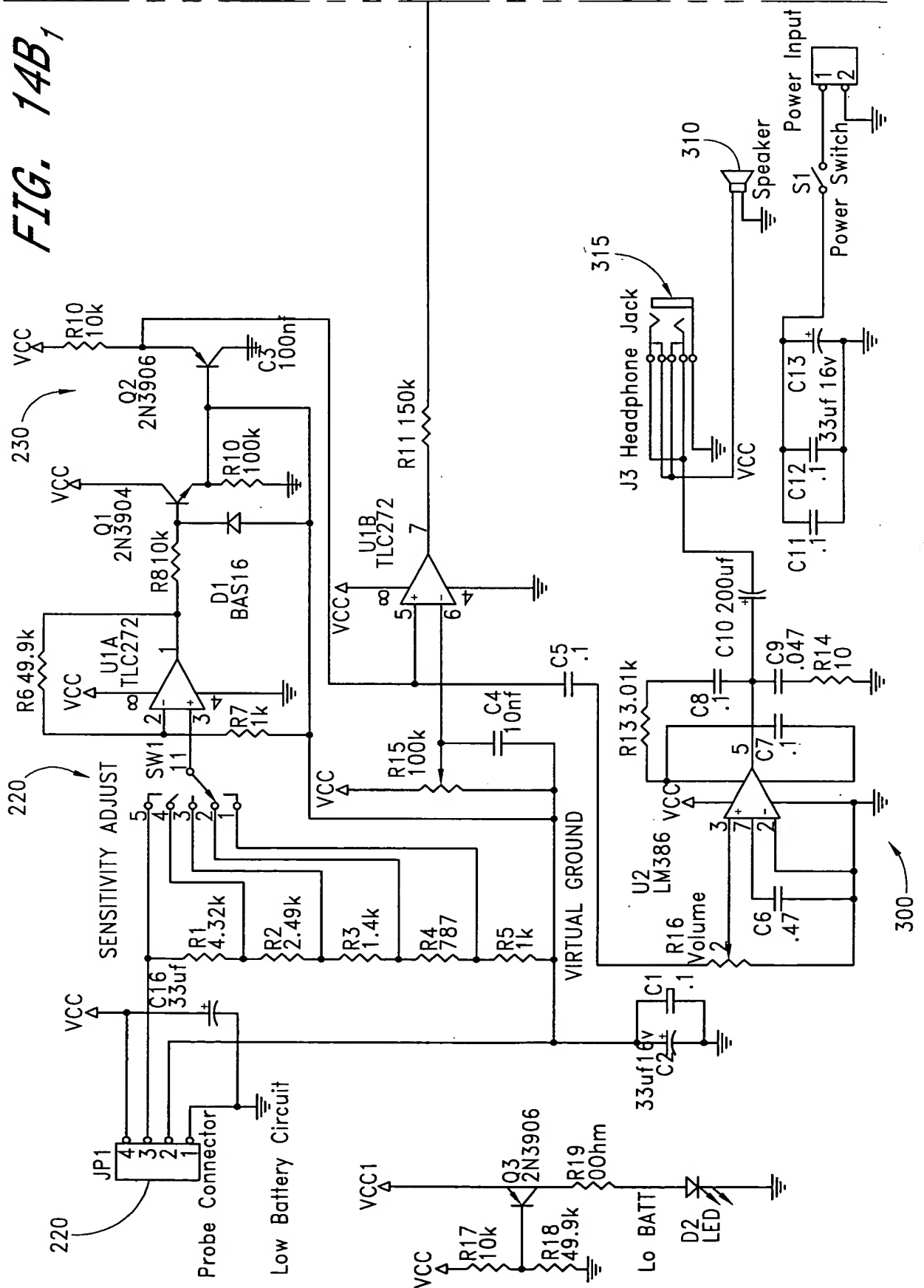


FIG. 14B

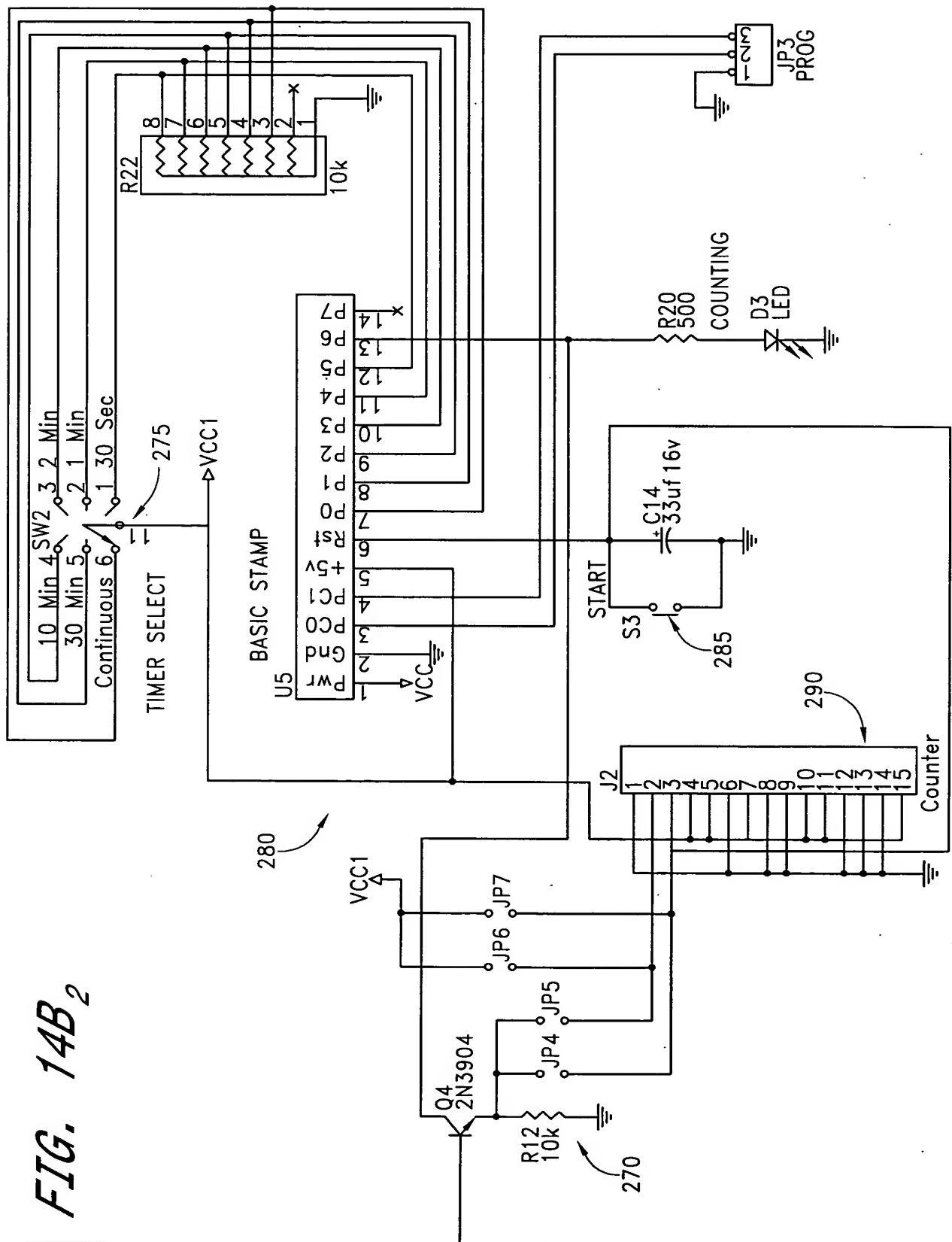
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FIG. 14B<sub>1</sub>





**FIG. 14B<sub>2</sub>**



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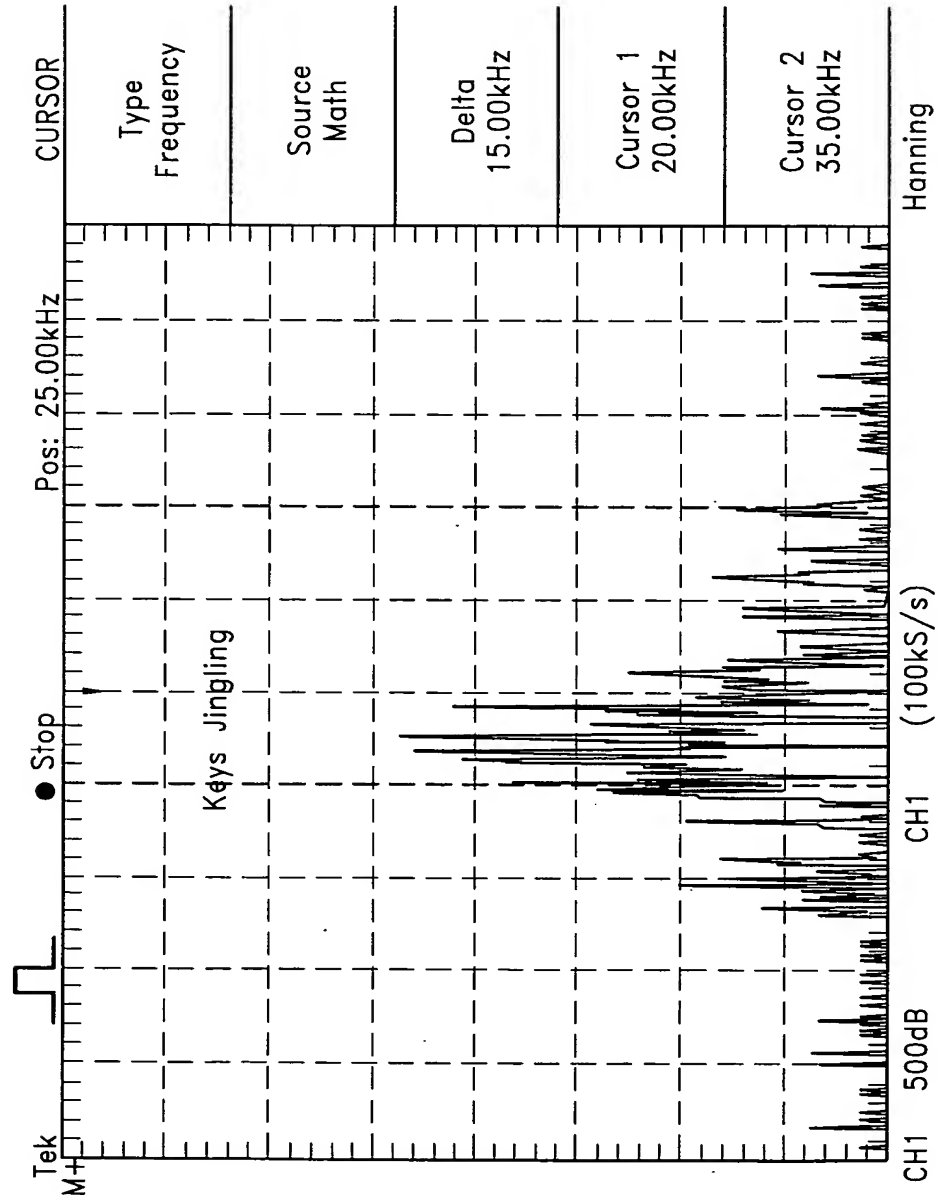


FIG. 15A

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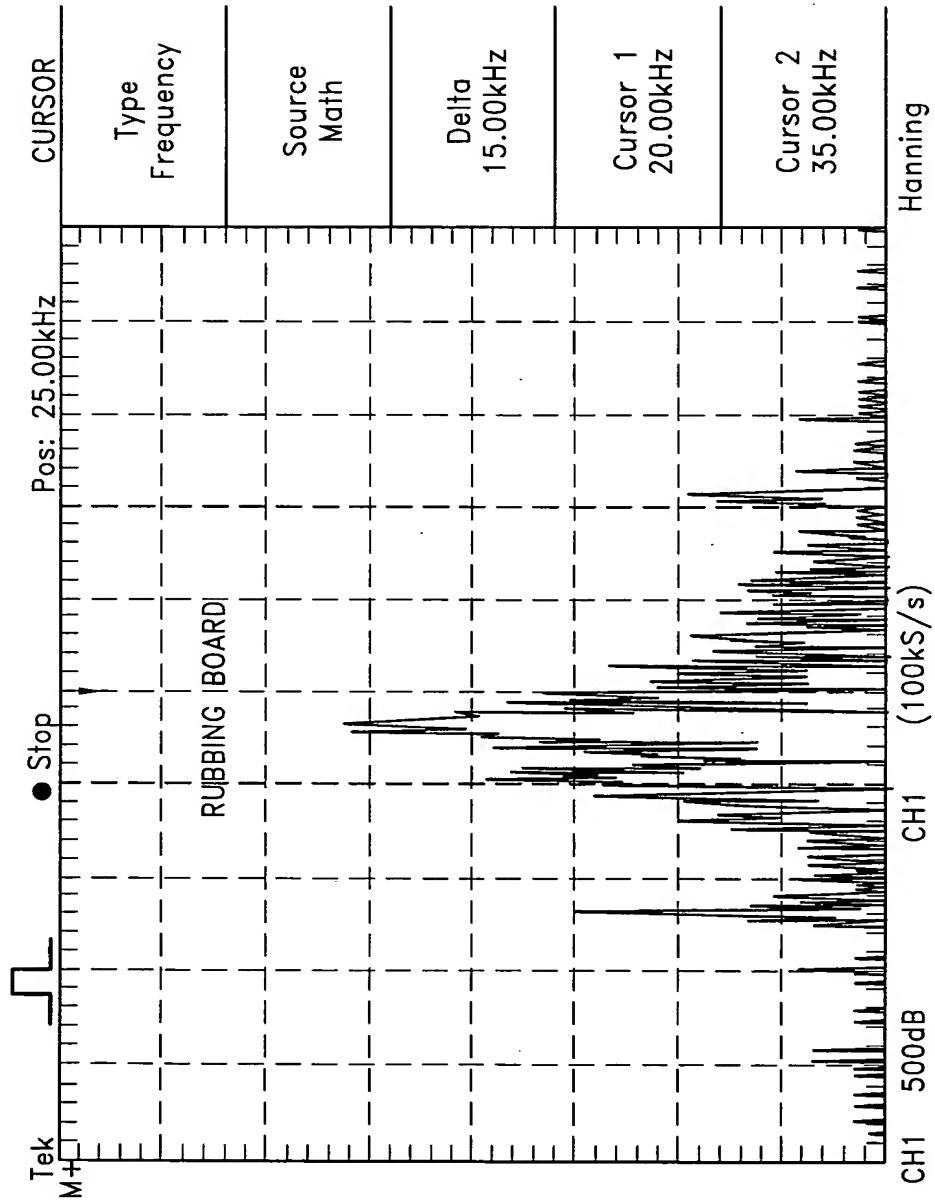


FIG. 15B

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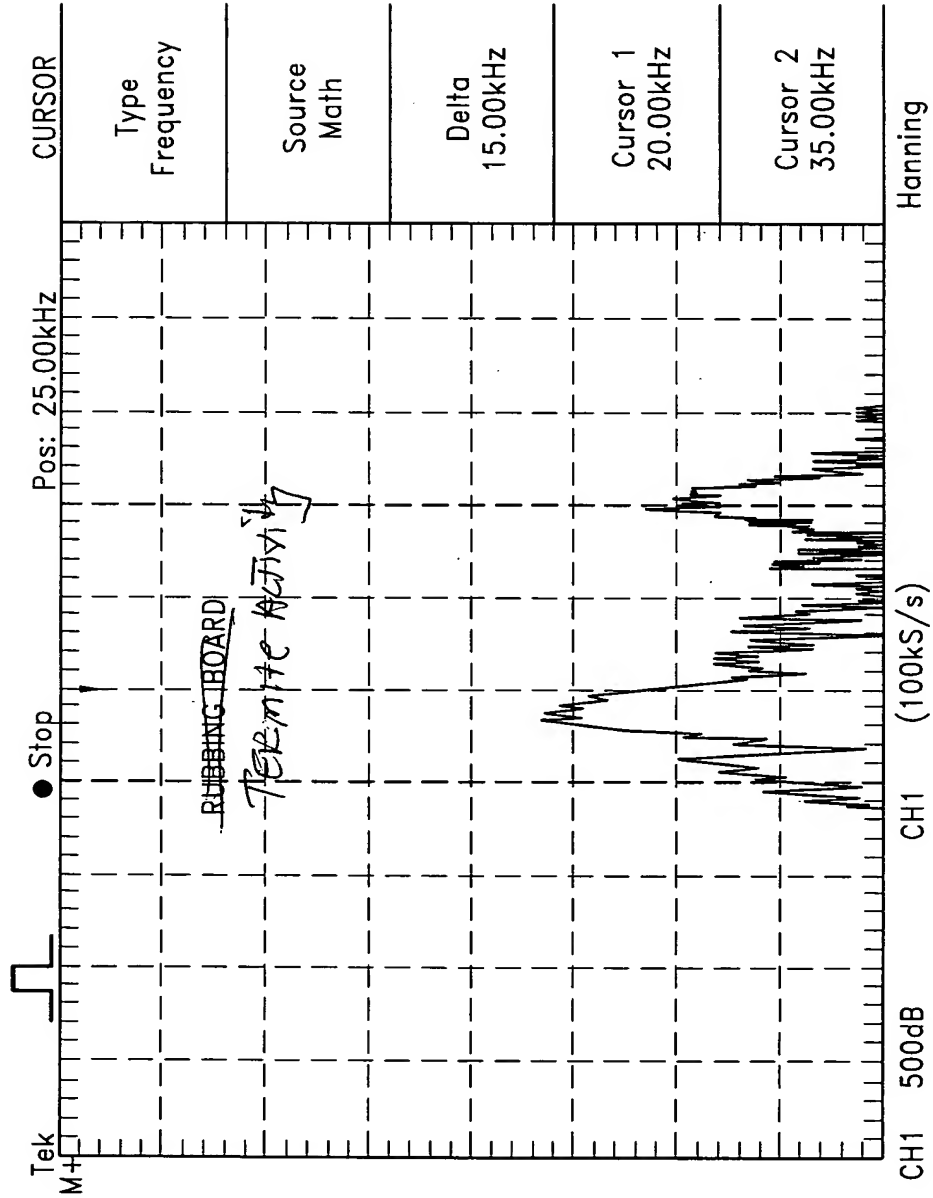


FIG. 15C

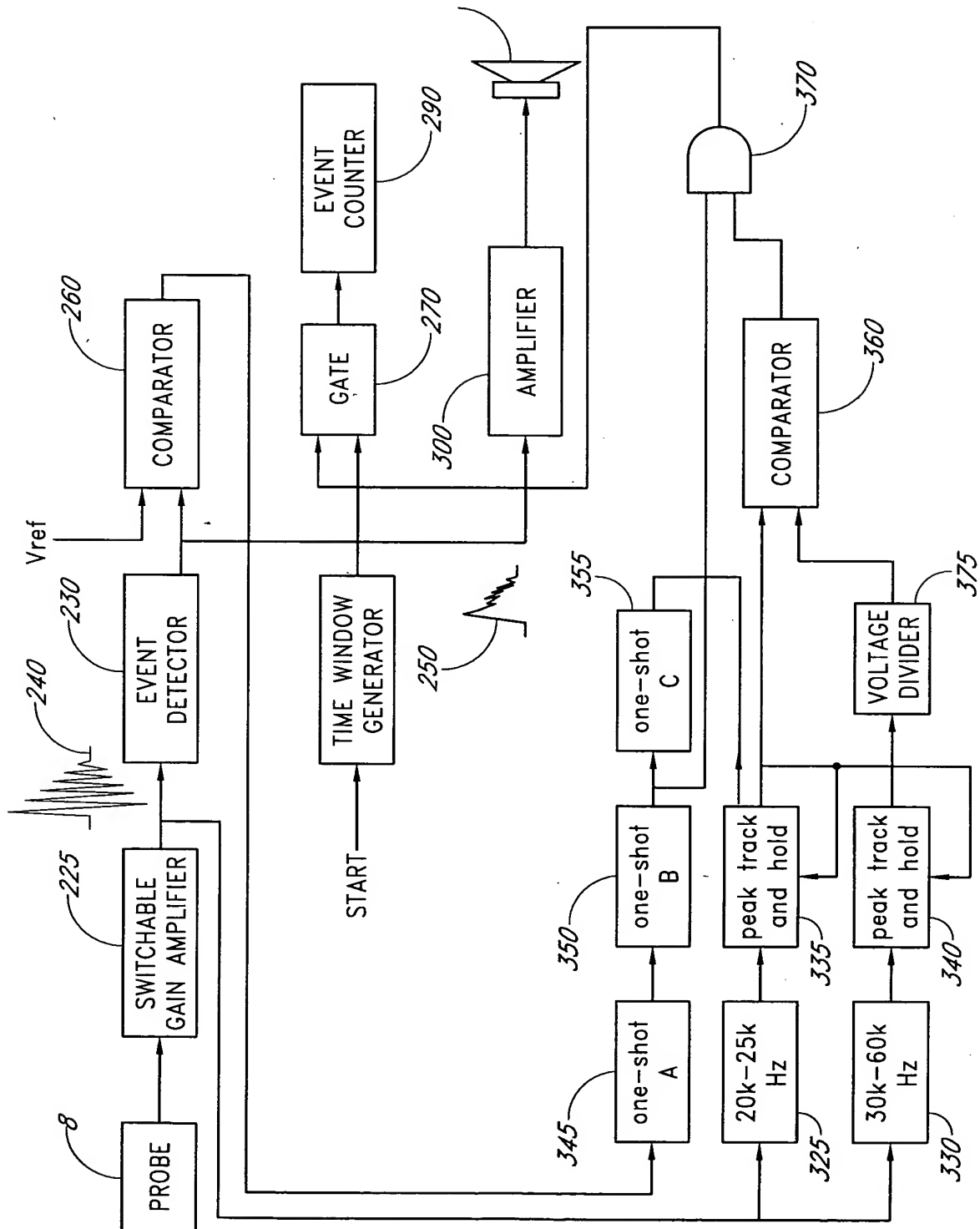


FIG. 16

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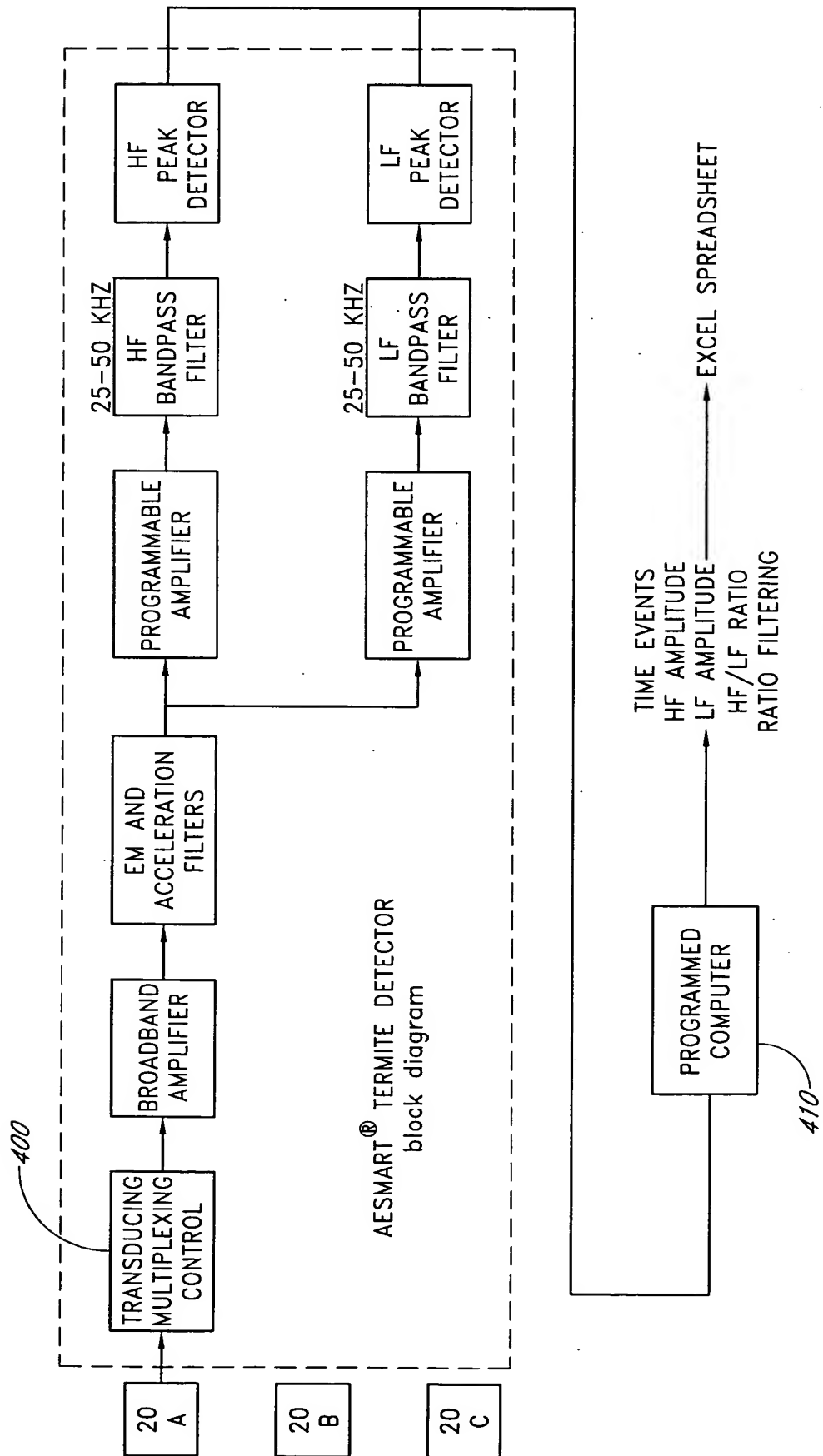


FIG. 17

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Run Time	minutes	events	HF amp	LF amp	ratio	ratio filter set at 2
23.85	0.3975	130	298	83	3.59	FILTER ON
23.9	0.398333	131	840	322	2.61	TERMITES
24.01	0.400167	132	1519	576	2.64	
24.12	0.402	133	415	117	3.54	
24.17	0.402833	134	728	156	4.66	
24.34	0.405667	135	391	181	2.16	
24.45	0.4075	136	322	88	3.67	
24.61	0.410167	137	439	166	2.65	
24.67	0.411167	138	1133	425	2.67	
24.83	0.413833	139	298	127	2.35	
24.89	0.414833	140	288	98	2.95	
25.05	0.4175	141	425	137	3.11	
25.16	0.419333	142	532	225	2.37	
25.43	0.423833	143	322	142	2.28	
25.49	0.424833	144	791	322	2.45	
25.54	0.425667	145	640	635	1.01	FILTER OFF
25.6	0.426667	146	5615	5327	1.05	RUBBING BOARD
25.65	0.4275	147	6367	6055	1.05	
25.65	0.4275	148	5625	4902	1.15	
25.71	0.4285	149	6221	6030	1.03	
25.76	0.429333	150	3276	3940	0.83	
25.76	0.429333	151	1948	2427	0.8	
25.82	0.430333	152	454	322	1.41	
25.87	0.431167	153	3125	3066	1.02	
25.87	0.431167	154	2822	2671	1.06	
25.93	0.432167	155	3135	3936	0.8	
26.04	0.434	156	376	259	1.45	
26.04	0.434	157	1279	1392	0.92	
26.09	0.434833	158	996	908	1.1	

FIG. 18